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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: P. A. Billing-Medel, *et al.*

Serial No.: 08/962,094

Filed: October 31, 1997

For: REAGENTS AND METHODS USEFUL  
FOR DETECTING DISEASES OF THE  
BREAST

Examiner: L. Arthur

Group Art Unit: 1655

Attorney Docket No.: 5995.US.P1

Date: June 5, 2001

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Box Fee Amendment  
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Date of Deposit: June 5, 2001

Wanda C. Smith

Wanda E. Smith

**TRANSMITTAL LETTER**

Box Fee Amendment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed herewith is an Amendment and Response for P. A. Billing-Medel, *et al.*, for REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE BREAST, the specification of which was filed on October 31, 1997, and received Serial No. 09/962,094.

Also enclosed are: Request for Extension of Time (in duplicate)  
Return-receipt postcard

The Commissioner is hereby authorized to charge any additional Filing Fees required under 37 CFR 1.16, as well as any patent application processing fees under 37 CFR 1.17 associated with this communication for which full payment has not been tendered, to Deposit Account No. 01-0025. A duplicate copy of this sheet is enclosed.

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Respectfully submitted,  
P. A. Billing-Medel, *et al.*

Mimi C. Goller  
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Attorney for Applicants



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Wanda E. Smith

**AMENDMENT AND RESPONSE**

Box Fee Amendment  
Assistant Commissioner of Patents  
Washington, D.C. 20231

Dear Sir:

This is responsive to the Office Action dated December 5, 2000. Claims 1-13, 15-16, 33, 35, and 38-49 are currently under examination. A three-month extension of time accompanies this response, extending the time to response from March 5, 2001 to June 5, 2001.

**AMENDMENTS**

**IN THE CLAIMS:**

Please cancel claims 1-13, 15-16, 33, 35, and 38-49.

Please add new claims 50-69 as follows:

D1  
50. A method of detecting a presence of breast cancer in a patient by detecting  
a target polynucleotide in a test sample taken from a patient, comprising: